



HPL
HIGH PRESSURE
LAMINATES

Guide Specifications

NEVAMAR® High Pressure Laminate (HPL) is the brand name for our line of durable, high performance, high pressure laminates (HPL). This is the surface solution of choice for high-use applications on surfaces in hospitals, stores, hotels, offices, lobbies, restaurants, and educational institutions. NEVAMAR® decorative surfaces come in a wide assortment of treatments designed to withstand fire, chemicals, abrasions and the general wear and tear of high traffic areas. NEVAMAR® HPL also features our exclusive Armored Protection (ARP®) which has been recognized as a performance standard among decorative high pressure laminates. It resists wear and keeps our laminates looking new longer.

For more information, please visit our website www.nevamar.com or call 877-726-6526.

SECTION 064025

HIGH PRESSURE LAMINATES

PART 1 - GENERAL

1.1 SUMMARY

- A. Provide high pressure laminates (HPL) for interior horizontal and vertical surfaces.
- B. Related Sections: Coordinate with Work of other sections including the following:
 - 1. Section 062023 – Interior Finish Carpentry.
 - 2. Section 064116 – Plastic-Laminate-Faced Architectural Cabinets.
 - 3. Section 064219 – Plastic-Laminate-Faced Wood Paneling.
 - 4. Section 066400 – Plastic Paneling.
 - 5. Section 102113 – Plastic-Laminate-Clad Toilet Compartments.
 - 6. Section 105123 – Plastic-Laminate-Clad Lockers.
 - 7. Section 123216 – Manufactured Plastic-Laminate-Faced Casework.
 - 8. Section 123553 – Plastic-Laminate-Clad Laboratory Casework.
 - 9. Section 123623 – Plastic-Laminate-Clad Countertops.

1.2 SUBMITTALS

- A. Product Data: Submit manufacturer's literature including product characteristics, accessories and limitations.
- B. Selection Samples: Submit samples of colors and finishes if requested by Architect.
- C. Verification Samples: Submit samples of selected materials specified to verify color and finish.
- D. Industry Certifications and Standards: Submit copy of documentation indicating compliance.

1.3 QUALITY ASSURANCE

- A. Manufacturer: Minimum of 5 years experience manufacturing similar products.

1.4 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials and products in unopened factory labeled packages. Store and handle in strict compliance

with manufacturer's instructions and recommendations.

1.5 WARRANTY

- A. Manufacturer's Warranty: Provide manufacturer's standard warranty against defects in manufacturing.

PART 2 - PRODUCTS

2.1 HIGH PRESSURE LAMINATES

- A. Manufacturer: Panolam Industries International, Inc., 20 Progress Drive, Shelton, CT 06484. Tel: 877-726-6526, Fax: 203-225-0050. Web: www.panolam.com. Panels shall comply with the following:
 1. General Purpose Grade: HGS complying with NEMA LD3.
 2. Horizontal Grade: HGL complying with NEMA LD3.
 3. Horizontal Forming Grade: HGP complying with NEMA LD3.
 4. Vertical Forming Grade: VGP complying with NEMA LD3.
 5. Sheet Thickness: As selected from manufacturer's standard thicknesses. HGS 0.048 (1.2 mm); HGL 0.039 inches (1.0 mm); HGP 0.039 inches (1.0 mm); VGP 0.028 inches (0.7 mm).
 6. Sheet Width: As selected from manufacturer's standard widths of 30 inches (762 mm), 36 inches (914 mm), 48 inches (1219 mm), and 60 inches (1524 mm).
 7. Sheet Length: As selected from manufacturer's standard lengths of 96 inches (2438 mm), 120 inches (3048 mm) and 144 inches (3658 mm).
 8. Color and Texture: As selected by Architect from manufacturer's full range.
 9. Adhesive: Types as recommended by manufacturer.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates for compliance with requirements for installation tolerances and other conditions affecting performance. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install products in strict accordance with manufacturer's instructions and approved submittals.
 1. Clean substrate of dirt, dust, waxes, and other bond breaking substances prior to beginning installation.
 2. Follow adhesive manufacturer's recommendations for set and application times.
 3. Apply pressure to entire panel face with laminate type roller, removing trapped air and ensure proper adhesion between surfaces.

3.3 ADJUSTING AND CLEANING

- A. Replace installations out of plumb and not aligned with adjacent panels and construction.
- B. Clean panel face to remove soiling, stains, dust, and dirt using clean rags, and cleaning agents as instructed by manufacturer.
- C. Leave installation clean, free of residue and debris resulting from work of this Section.